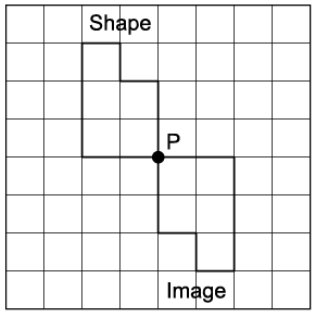
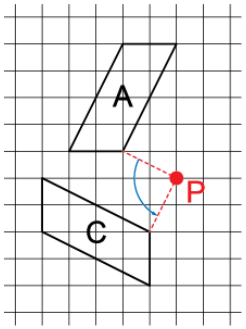
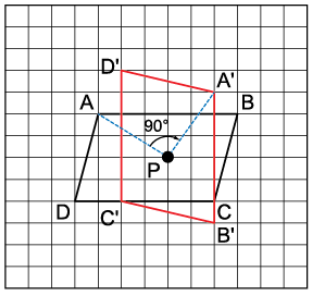
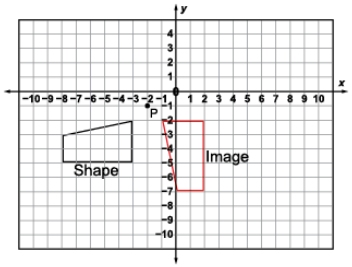
Geometry

Activity 8 Assessment

Rotating 2-D Shapes up to 360°

Applying and Visualizing Rotations on a Grid

Identifies rotation that takes a shape to its image on a grid (point of rotation on shape).	Identifies rotation that takes a shape to its image on a grid (point of rotation off shape).	Performs and describes various rotations with angles of rotation to 360°.	Visualizes, predicts, and describes where the image of a shape will be after a rotation.
			
"I know the shape was rotated 180° clockwise about vertex P."	"I know the shape was rotated 90° counterclockwise about point P."	"I used the point of rotation to rotate the shape 270° counterclockwise. If I rotated the shape 90° clockwise, I would get the same final image. I know the image is correct because each vertex and its image are the same distance from point P and the angle between the lines joining matching vertices to the point of rotation is 90°."	"I can picture rotating the shape 90° counterclockwise about the point of rotation, P."

Observations/Documentation